

A. Sharareh

1616

RAW SEQUENCE LISTING
 PATENT APPLICATION: US/09/218,660 DATE: 05/11/2000
 TIME: 15:54:26

Input Set : A:\DUP0307.txt
 Output Set: N:\CRF3\05112000\I218660.raw

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3 <110> APPLICANT: Unger, Evan C
4     Shen, Dekang
5     Wu, Guanli
7 <120> TITLE OF INVENTION: Novel Targeted Compositions For Diagnostics And
8 Therapeutic Use
10 <130> FILE REFERENCE: DUP-0307
12 <140> CURRENT APPLICATION NUMBER: 09/218,660
C--> 13 <141> CURRENT FILING DATE: 1998-12-22
15 <150> PRIOR APPLICATION NUMBER: 08/660,032
16 <151> PRIOR FILING DATE: 1996-06-06
18 <150> PRIOR APPLICATION NUMBER: 08/640,464
19 <151> PRIOR FILING DATE: 1996-05-01
21 <150> PRIOR APPLICATION NUMBER: 08/497,684
22 <151> PRIOR FILING DATE: 1995-06-07
24 <160> NUMBER OF SEQ ID NOS: 22
26 <170> SOFTWARE: PatentIn Ver. 2.1
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30 <212> TYPE: PRT
31 <213> ORGANISM: Artificial Sequence
33 <220> FEATURE:
34 <223> OTHER INFORMATION: Description of Artificial Sequence: Novel Sequence
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38   1           5
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57 <213> ORGANISM: Artificial Sequence
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69 <212> TYPE: PRT
70 <213> ORGANISM: Artificial Sequence

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83 <213> ORGANISM: Artificial Sequence
85 <220> FEATURE:
86 <223> OTHER INFORMATION: Description of Artificial Sequence: Novel Sequence
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90 1 5 10 15
92 Phe Ser Arg Pro Tyr Asp Pro Arg Arg Asp Leu Phe Arg Val Glu Tyr
93 20 25 30
95 Val Ile Gly Arg Tyr Pro Gln Glu Asn Lys Gly Thr Tyr Ile Pro Val
96 35 40 45
98 Pro Ile Val Ser Glu Leu Gln Ser Gly Lys Trp Gly Ala Lys Ile Val
99 50 55 60
101 Met Arg Glu Asp Arg Ser Val Arg Leu Ser Ile Gln Ser Ser Pro Lys
102 65 70 75 80
104 Cys Ile Val Gly Lys Phe Arg Met Tyr Val Ala Val Trp Thr Pro Tyr
105 85 90 95
107 Gly Val Leu Arg Thr Ser Arg Asn Pro Glu Thr Asp Thr Tyr Ile Leu
108 100 105 110
110 Phe Asn Pro Trp Cys Glu Asp Asp Ala Val Tyr Leu Asn Glu Lys
111 115 120 125
113 Glu Arg Glu Glu Tyr Val Leu Asn Asp Ile Gly Val Ile Phe Tyr Gly
114 130 135 140
116 Glu Val Asn Asp Ile Lys Thr Arg Ser Trp Ser Tyr Gly Gln Phe
117 145 150 155
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133 20 25
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137 <211> LENGTH: 41
138 <212> TYPE: PRT
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145 Asp Asp Ala Val Tyr Leu Asp Asn Glu Lys Glu Arg Glu Glu Tyr Val
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149 20 25 30
151 Thr Arg Ser Trp Ser Tyr Gly Gln Phe
152 35 40
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169 <211> LENGTH: 10
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193 Met Asp Tyr
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198 <211> LENGTH: 21
199 <212> TYPE: PRT
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202 <220> FEATURE:
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207 1 5 10 15
209 Tyr Ala Met Asp Tyr
210 20
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214 <211> LENGTH: 67
215 <212> TYPE: PRT

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RAW SEQUENCE LISTING DATE: 05/11/2000
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Input Set : A:\DUP0307.txt
Output Set: N:\CRF3\05112000\I218660.raw

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225 Ala Thr Cys Lys Leu Arg Pro Gly Ala Gln Cys Ala Asp Gly Leu Cys
226 20 25 30
228 Cys Asp Gln Cys Arg Phe Lys Arg Thr Ile Cys Arg Arg Ala Arg Gly
229 35 40 45
231 Asp Asn Pro Asp Asp Arg Cys Thr Gly Gln Ser Ala Asp Cys Pro Arg
232 50 55 60
234 Asn Gly Tyr
235 65
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240 <212> TYPE: PRT
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248 1 5 10 15
250 Asp Ala Ala Thr Cys Lys Leu Leu Pro Gly Ala Gln Cys Gly Glu Gly
251 20 25 30
253 Leu Cys Cys Asp Gln Cys Ser Phe Met Lys Lys Gly Thr Ile Cys Arg
254 35 40 45
256 Arg Ala Arg Gly Asp Asp Leu Asp Asp Tyr Cys Asn Gly Ile Ser Ala
257 50 55 60
259 Gly Cys Pro Arg Asn Pro Leu His Ala
260 65 70
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264 <211> LENGTH: 68
265 <212> TYPE: PRT
266 <213> ORGANISM: Artificial Sequence
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271 <400> SEQUENCE: 14
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273 1 5 10 15
275 Asp Ala Ala Thr Cys Lys Leu Arg Pro Gly Ala Gln Cys Ala Glu Gly
276 20 25 30
278 Leu Cys Cys Asp Gln Cys Arg Phe Lys Gly Ala Gly Lys Ile Cys Arg
279 35 40 45
281 Arg Ala Arg Gly Asp Asn Pro Asp Asp Cys Thr Gly Gln Ser Ala Asp
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284 Cys Pro Arg Phe
285 65
288 <210> SEQ ID NO: 15

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Input Set : A:\DUP0307.txt
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289 <211> LENGTH: 67
290 <212> TYPE: PRT
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298 1 5 10 15
300 Ala Thr Cys Lys Leu Arg Pro Gly Ala Gln Cys Ala Asp Gly Leu Cys
301 20 25 30
303 Cys Asp Gln Cys Arg Phe Lys Arg Thr Ile Cys Arg Ile Ala Arg Gly
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307 50 55 60
309 Asn Asp Leu
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313 <210> SEQ ID NO: 16
314 <211> LENGTH: 8
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349 1 5
352 <210> SEQ ID NO: 19
353 <211> LENGTH: 8
354 <212> TYPE: PRT
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357 <220> FEATURE:
358 <223> OTHER INFORMATION: Description of Artificial Sequence: Novel Sequence

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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

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Input Set : A:\DUP0307.txt
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L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:405 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22